

Fig 1

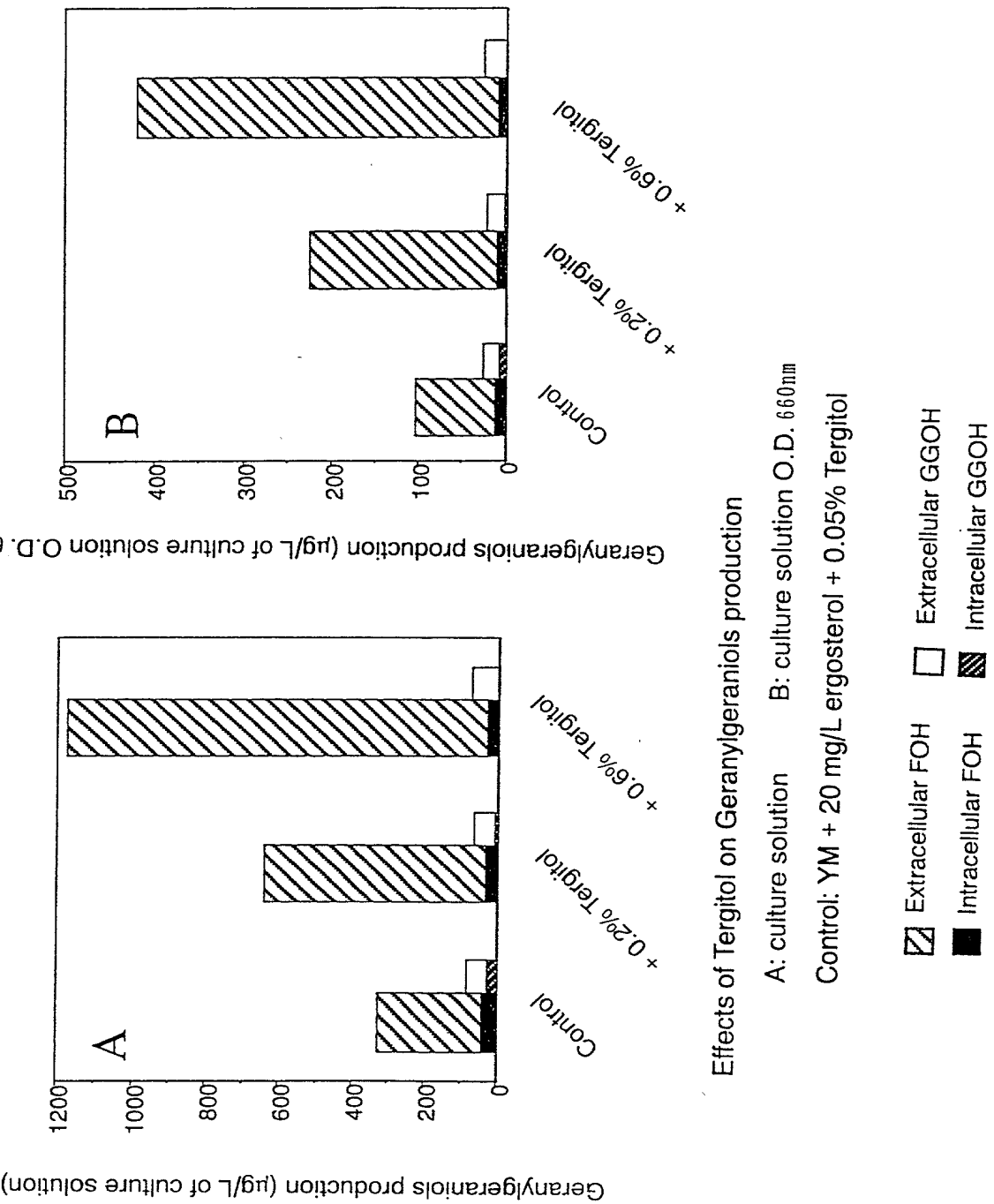


Fig 2

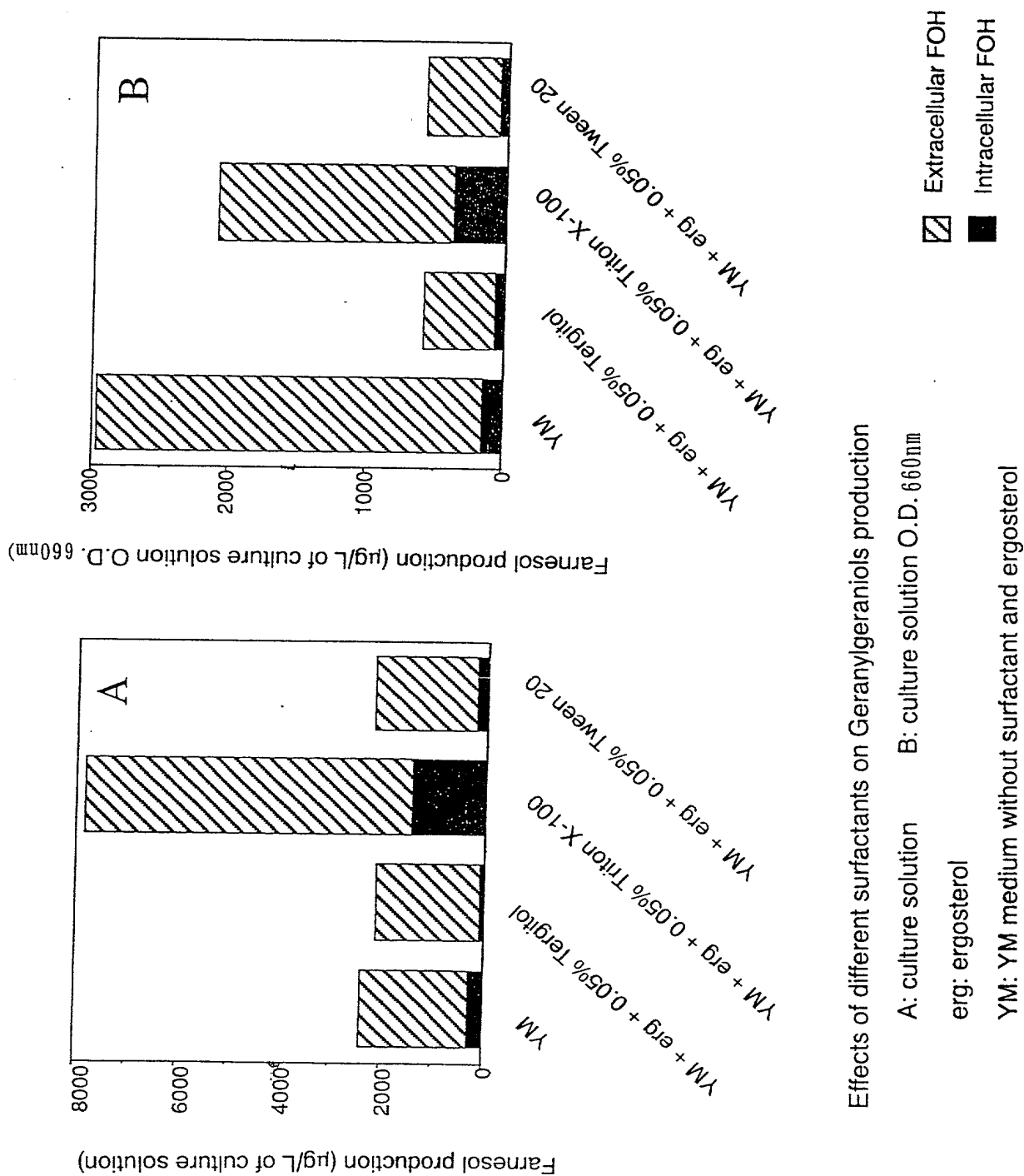
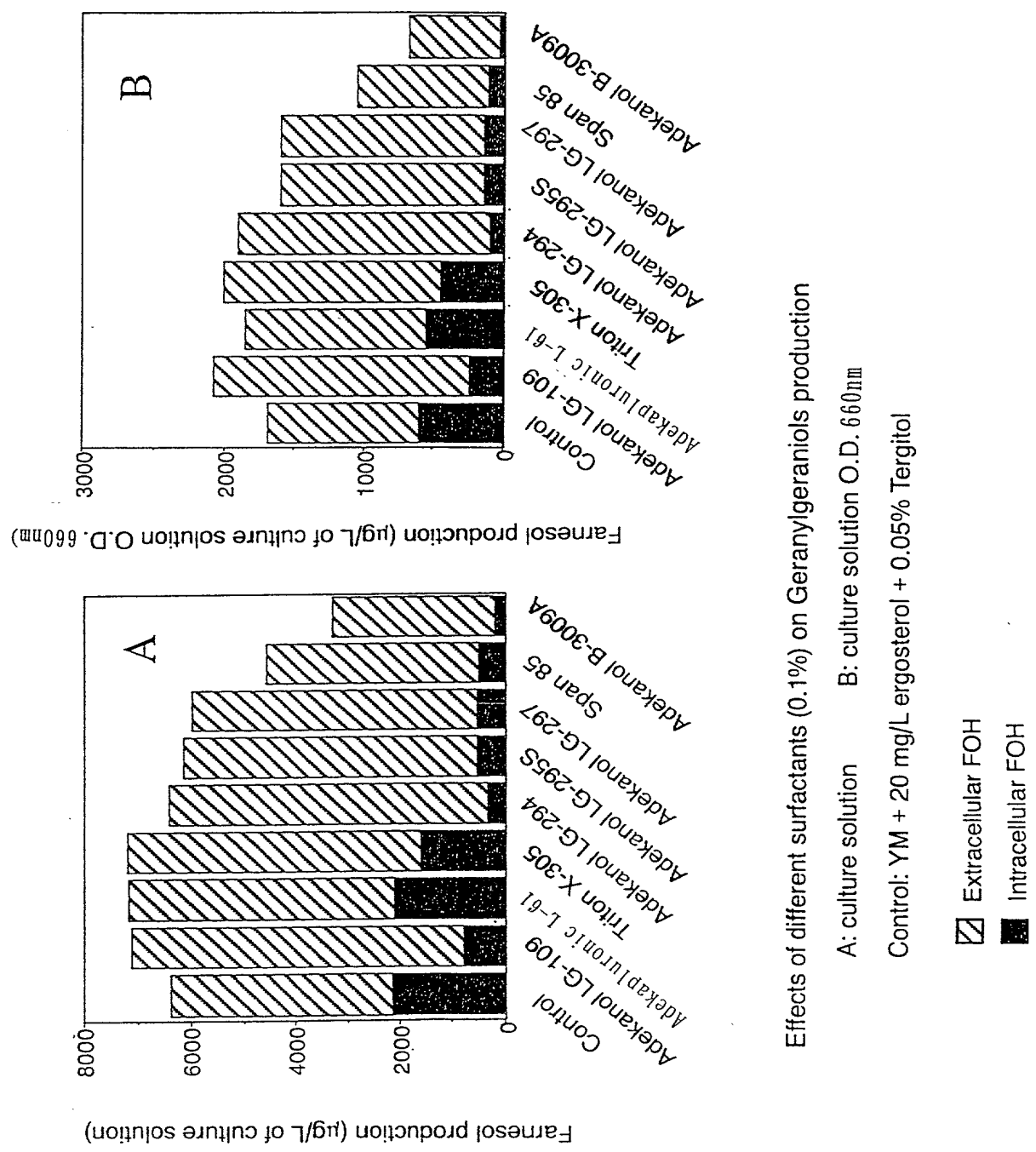
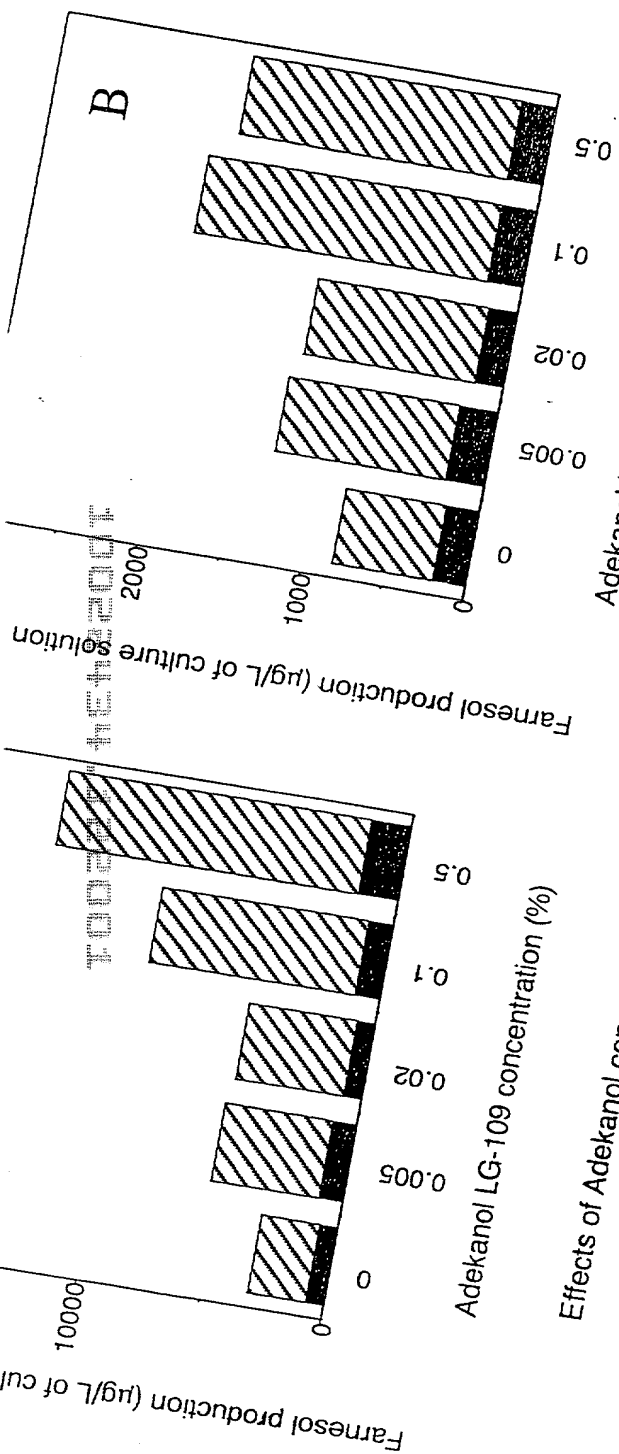


Fig 3





Effects of Adekanol concentrations on Geranylgeraniols production

A: culture solution

B: culture solution O.D. 660nm

Adekanol is added to YM medium supplemented with 20 mg/L ergosterol and 0.05% Tergitol

Extracellular FOH

Intracellular FOH

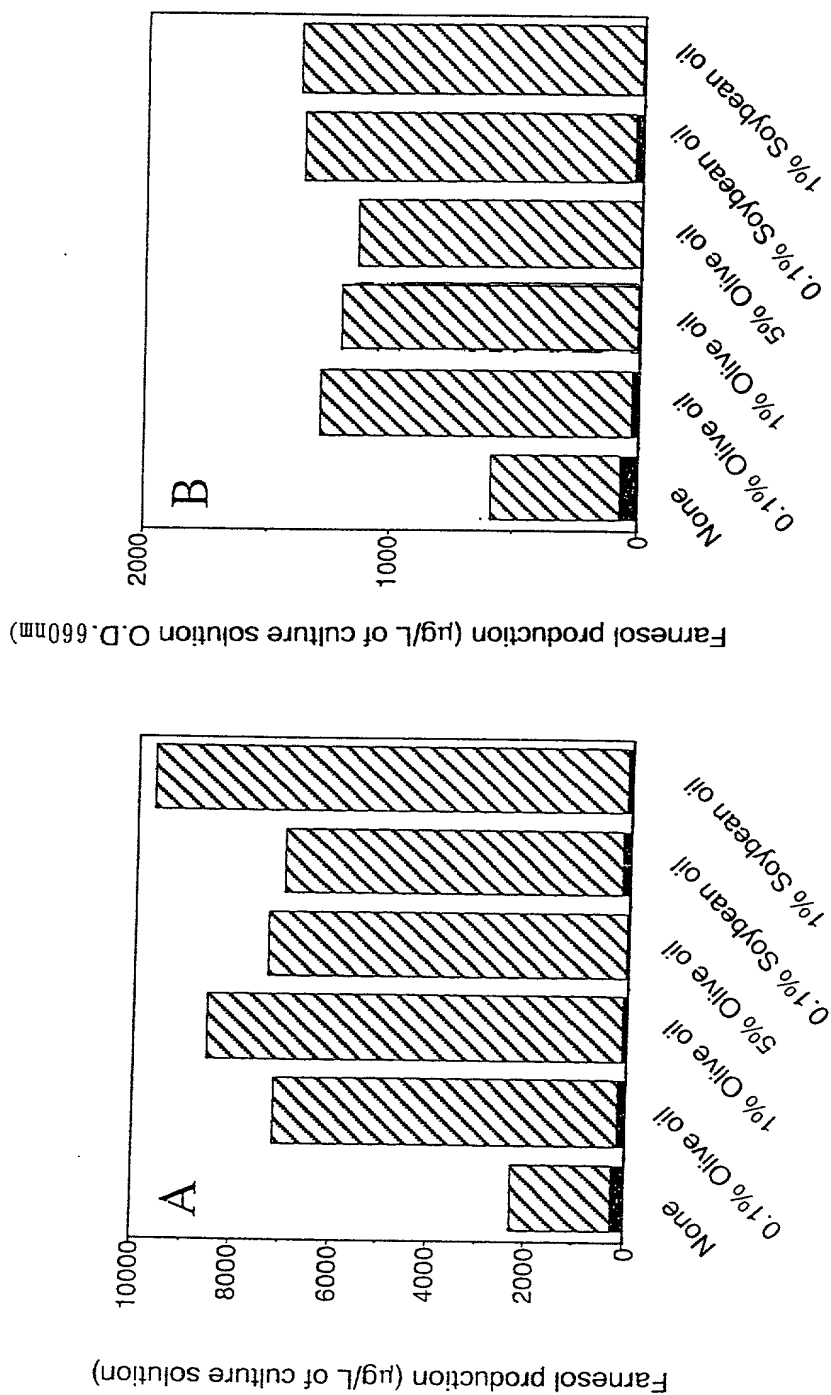
A: culture solution

None: YM + 20 mg/L ergosterol + 0.05% Tergitol

Extracellular FOH

Intracellular FOH

Fig 6



### Effects of fats or oils on Geranylgeraniols production

A: culture solution      B: culture solution O.D. 660nm

None: YM + 20 mg/L ergosterol + 0.05% Tergitol

▨ Extracellular FOH

■ Intracellular FOH

Fig 7

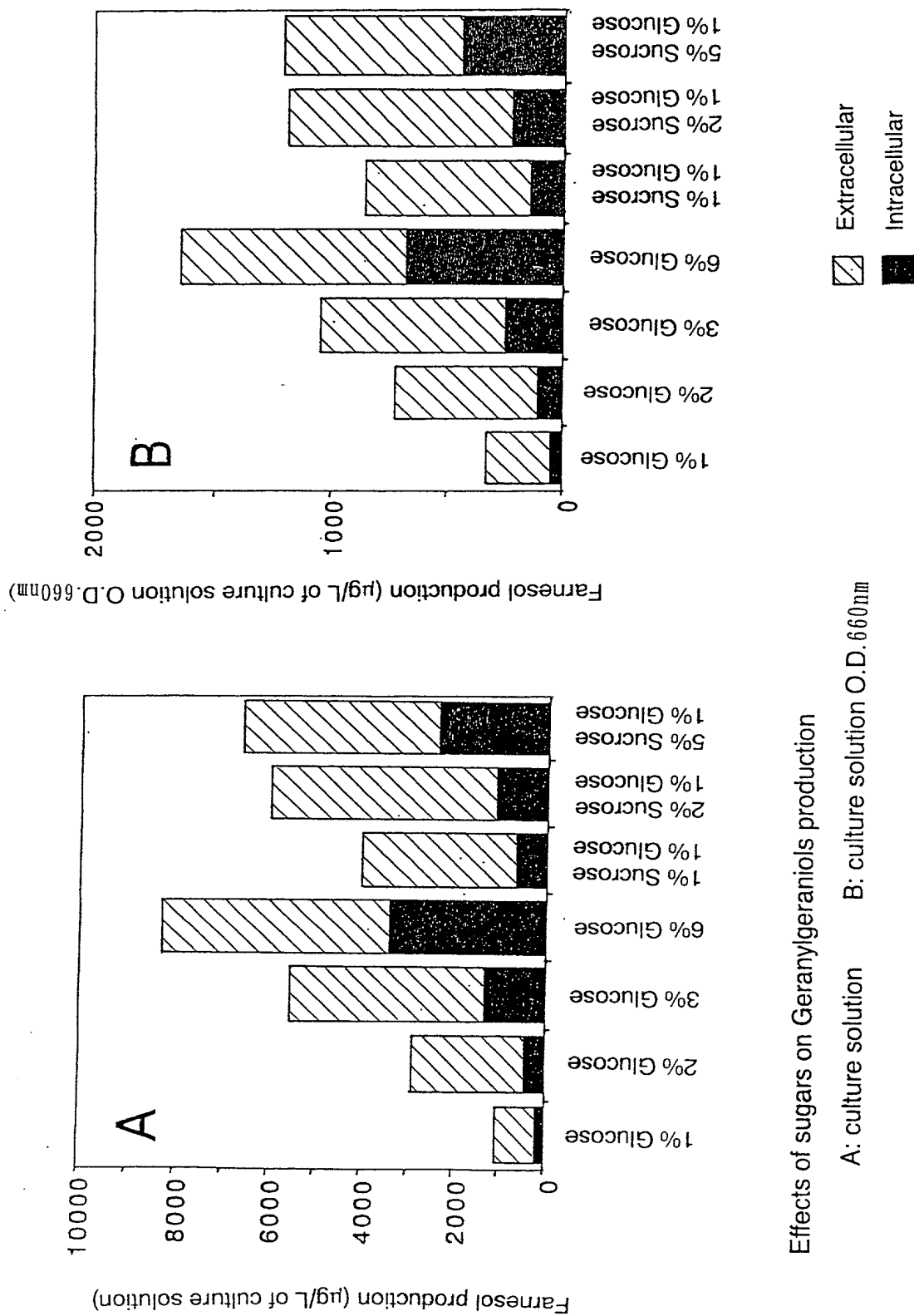
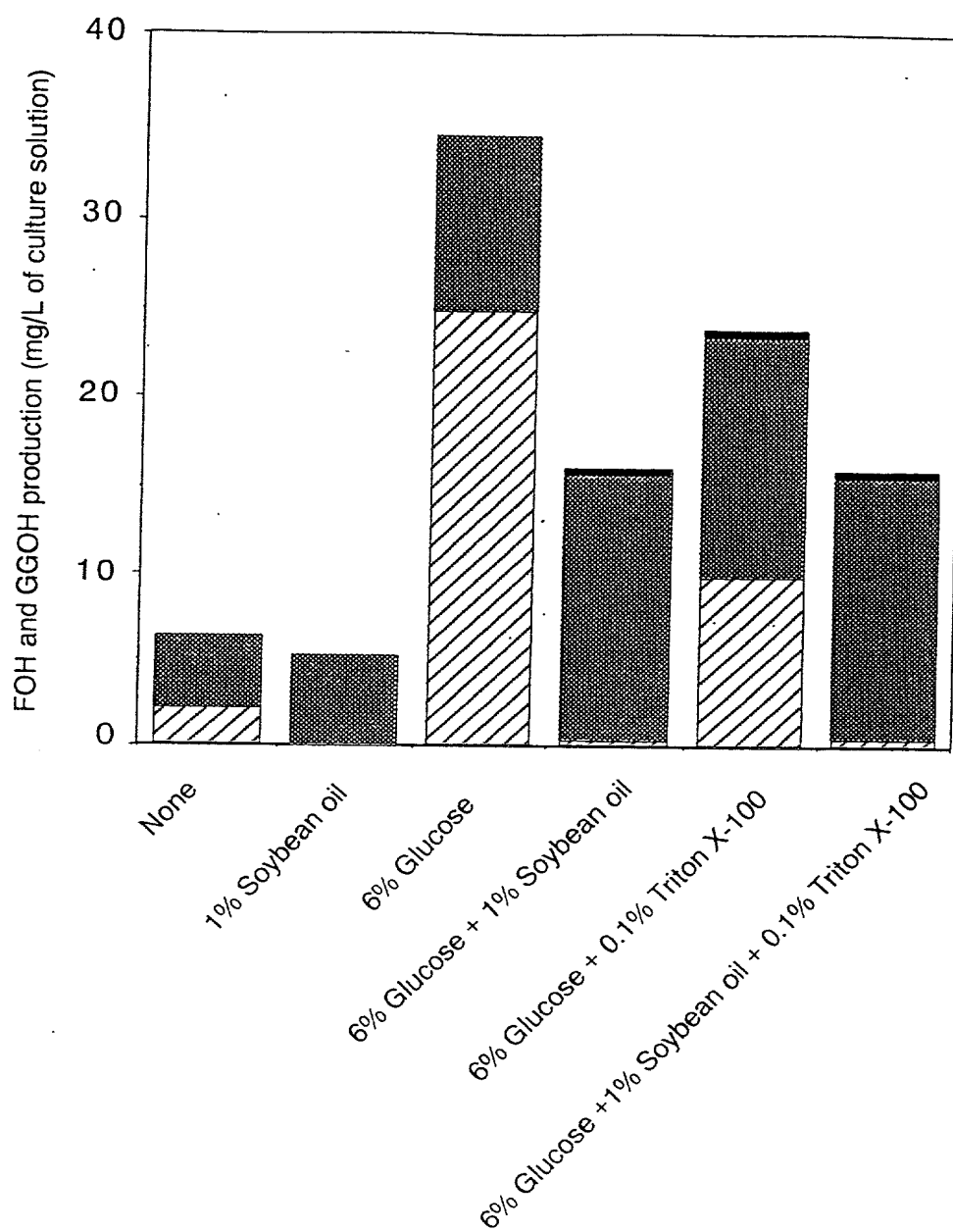


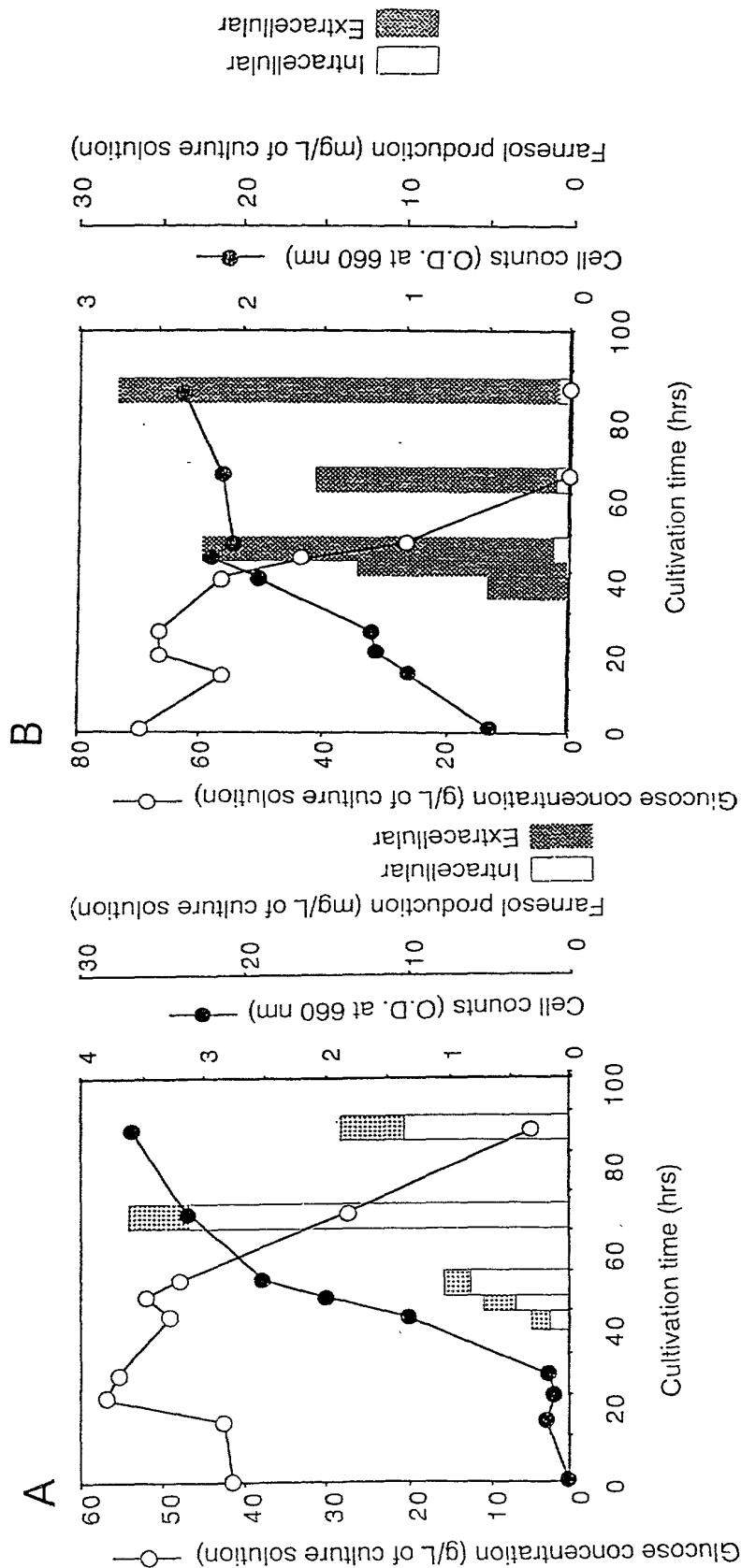
Fig 8



Effects of sugars, fats or oils and surfactants on Geranylgeraniols production

Extracellular FOH
  Intracellular FOH
  Extracellular GGOH

Fig 9



Effects of soybean oil on farnesol production

A: YM medium supplemented with 5% glucose

B: YM medium supplemented with 5% glucose and 1% soybean oil

ATCC 64031 cells are cultured at a working volume of 5 L



Fig 10

Effects of soybean oil on geranylgeraniol production  
(pRS435GGF/pRS434GAP-HMG1/YYPH499#1)

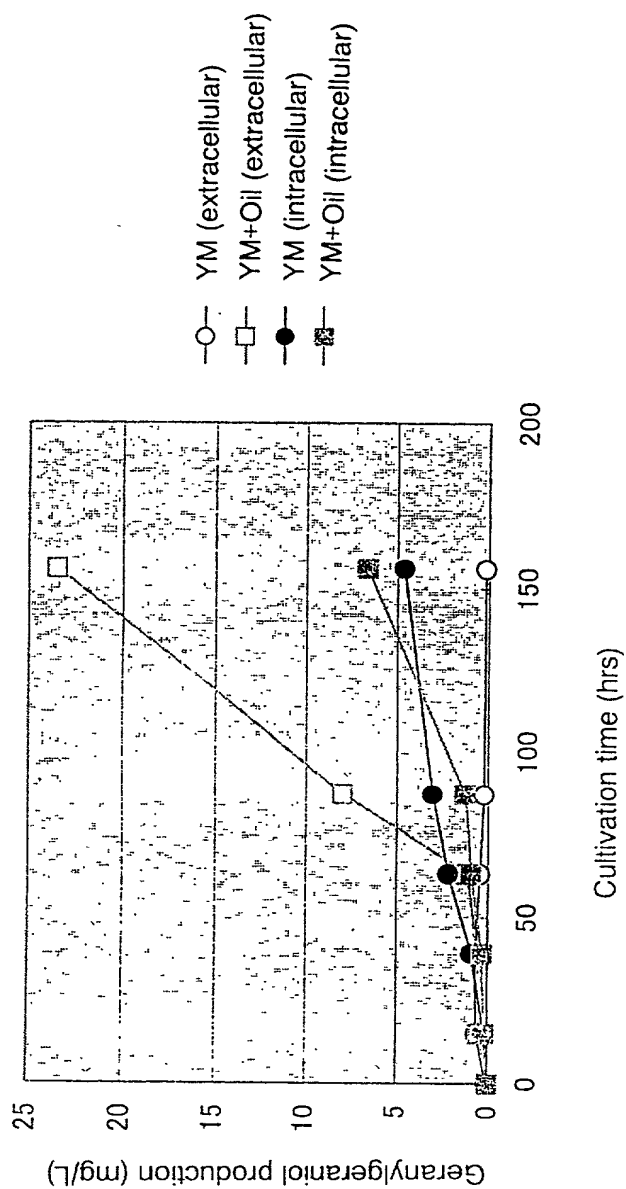


Fig 11

